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Datasheet for ABIN5510584

CD56 ELISA Kit

1 Image

Overview

Quantity:	96 tests
Target:	CD56 (NCAM1)
Binding Specificity:	AA 20-718
Reactivity:	Monkey
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of monkey primate CD56/NCAM-1
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: L20-G718
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Sequence similarities: Contains 2 fibronectin type-III domains.

Target Details

Target:	CD56 (NCAM1)
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Target Details

Alternative Name: NCAM1 ([NCAM1 Products](#))

Background: Protein Function: This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.

Background: Neural Cell Adhesion Molecule, NCAM, also known as the cluster of differentiation CD56, is a hemophilic binding glycoprotein. It is a glycoprotein of Immunoglobulin(Ig) super family. At least 27 alternatively spliced NCAM mRNAs are produced, giving a wide diversity of NCAM isoforms NCAM gene is located at 11q22-q23. This glycoprotein is mainly expressed on the surface of neurons, glia, skeletal muscle and natural killer cells. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.

Synonyms: Neural cell adhesion molecule 1,N-CAM-1,NCAM-1,CD56,NCAM1,NCAM,

Full Gene Name: Neural cell adhesion molecule 1

Cellular Localisation: Isoform 1: Cell membrane, Single-pass type I membrane protein.

UniProt: [P13591](#)

Application Details

Plate: Pre-coated

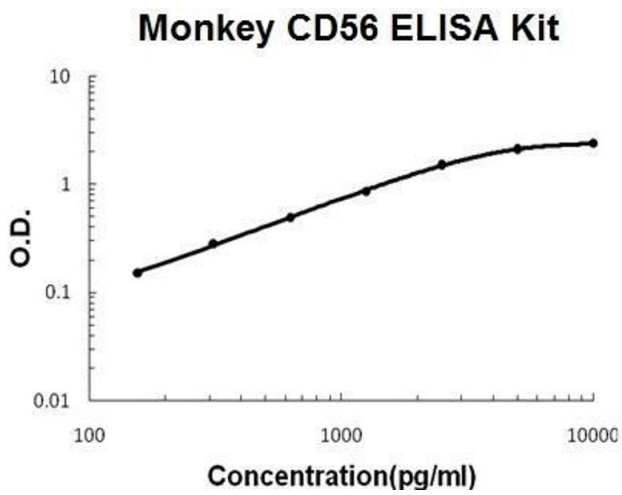
Restrictions: For Research Use only

Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Monkey Primate CD56/NCAM-1 PicoKine ELISA Kit standard curve